

# Daniele Caratelli

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## PERSONAL DETAILS

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## EDUCATION

**Ph.D. in Economics**, Stanford University June 2023 (Expected)  
**B.A. in Economics and Mathematics (Honors)**, University of Chicago 2011 – 2015

## REFERENCES

[Patrick Kehoe](#) (Primary)  
Dept. of Economics, Stanford University  
[pkehoe@stanford.edu](mailto:pkehoe@stanford.edu)

[Adrien Auclert](#)  
Dept. of Economics, Stanford University  
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Hoover Institution, Stanford University  
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## RESEARCH FIELDS

Macroeconomics, Monetary Economics

## WORKING PAPERS

**[“Labor Market Recoveries Across the Wealth Distribution”](#)**

### *Job Market Paper*

This paper studies why, after the onset of recessions, low-wealth workers experience larger falls and slower recoveries in earnings than high-wealth workers. I show that differences in job-switching and job-losing rates play an important role in explaining these dynamics. To do so, I build a quantitative search and matching model with incomplete markets and on-the-job search in which wages are determined by an alternating offer bargaining protocol that, unlike traditional settings, accommodates risk-averse workers and wealth accumulation. The wages of job-switchers result either from Bertrand-competition between firms or, if the poaching firm is sufficiently more productive than the incumbent, from one-on-one negotiation between poacher and worker. This model includes an ingredient I document empirically: over the first fifteen months following a job switch workers experience a 6.4 percentage point increase in their job-loss probability. Through this model I conclude that cyclical differences in job-switching and job-losing by wealth, which the model can endogenously reproduce, explain 40 percent of the gap in earnings recovery between low- and high-wealth workers following the Great Recession. I then apply the model to study the post-Pandemic behavior of job-switching and show that fiscal stimulus alleviated its fall and sustained its recovery.

**[“Optimal Monetary Policy with Menu Costs is Nominal Wage Targeting”](#)** with Basil Halperin

We show analytically that ensuring stable nominal wage growth is optimal monetary policy in a multisector economy with menu costs. This nominal wage targeting contrasts with inflation targeting, the optimal policy prescribed by the textbook New Keynesian model in which firms are permitted to adjust their prices only randomly and exogenously. The intuition is that stabilizing nominal wages minimizes the number of firms which need to adjust their prices, and therefore minimizes the resources wasted on menu costs. We show that the analytical result that nominal wage targeting is superior to inflation targeting carries over in a rich quantitative model.

## WORK IN PROGRESS

“Heterogeneous Currency Union: MPCs and Tradable Shares ” with Riccardo Masolo

PUBLISHED PAPERS	<b>“Macroeconomic Nowcasting and Forecasting with Big Data”</b> with Brandyn Bok, Domenico Giannone, Argia Sbordone, and Andrea Tambalotti Jackson, <i>Annual Review of Economics</i> , Vol. 10:615-643, 2018	
RELEVANT POSITIONS	<b>Bank of England</b> 2020 – 2022 Academic Visitor <b>Stanford University</b> 2021 Research Assistant to Patrick Kehoe and Elena Pastorino <b>Bank of England</b> Summer 2020 Ph.D. Intern <b>Stanford University</b> 2018-2020 Research Assistant to Adrien Auclert <b>Federal Reserve Bank of New York</b> 2015-2017 Research Analyst, Macro and Monetary Division	
TEACHING EXPERIENCE	<b>Department of Economics, Stanford University</b> TA for Luigi Bocola, Econ 168 (International Finance) Spring 2021 TA for Scott McKeon, Econ 102A (Introduction to Statistical Methods) Fall, Winter 2020	
AWARDS & FELLOWSHIPS	Best Job Market Paper Award, EEA and UniCredit Foundation 2022 E.S. Shaw and B.F. Haley Fellowship for Economics, SIEPR 2022 – 2023 Dissertation Fellowship, Federal Reserve Bank of St. Louis Summer 2021 Doctoral Grant, Washington Center for Equitable Growth 2021 David S. Hu Award, The University of Chicago 2015 Becker Friedman Institute Award for Academic Achievement, The University of Chicago 2015	
REFEREING	<i>Journal of Business &amp; Economic Statistics; International Journal of Forecasting</i>	
EXTERNAL PRESENTATIONS	2021: St. Louis Fed, Dartmouth College, Bank of England 2022: “Labor, Firms, and Macro” Job Market Workshop (University of Pennsylvania) 2023: Office of Financial Research (Department of the Treasury), Office of Macroeconomic Analysis (Department of the Treasury), Congressional Budget Office, University of Bern, Federal Reserve Bank of Boston, Carnegie Mellon University, Bank of Italy	
PRE-ACADEMIC WORK	<b>“Opening the Toolbox: The Nowcasting Code on GitHub”</b> , <i>Liberty Street Economics</i> <b>“Just Released: Introducing the New York Fed Staff Nowcast”</b> , <i>Liberty Street Economics</i>	
OTHER	Programming: Julia, Python, Matlab, and Stata Languages: Italian (native) and English (native) Citizenship: USA, Italy	